

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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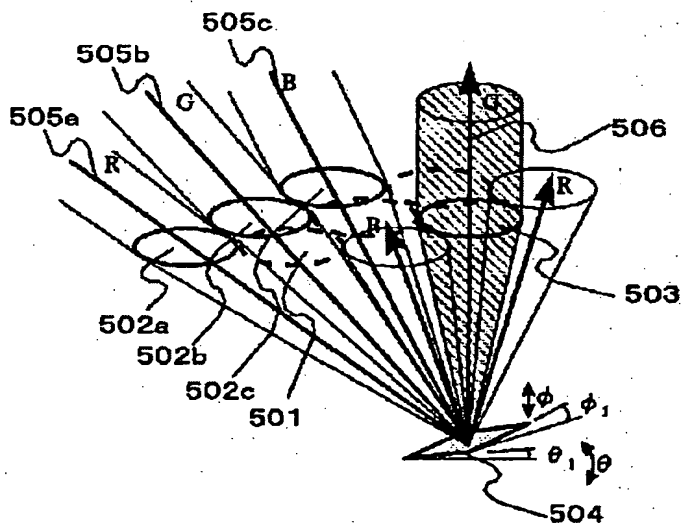
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TITLE : OPTICAL SWITCHING DEVICE AND  
PICTURE DISPLAY DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide an optical switching device and picture display device easily manufactured and having a long service life and high use efficiency of light.

**SOLUTION:** In the optical switching device having a micro lens array (501) and a micro mirror array, the quantity of emitted light of each pixel is adjustable in analog or stepwise by controlling the direction of the reflected light of a micro mirror (504). Besides, the selection of a plurality of light beams and the adjusting of the quantity of emitted light can be performed simultaneously.

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